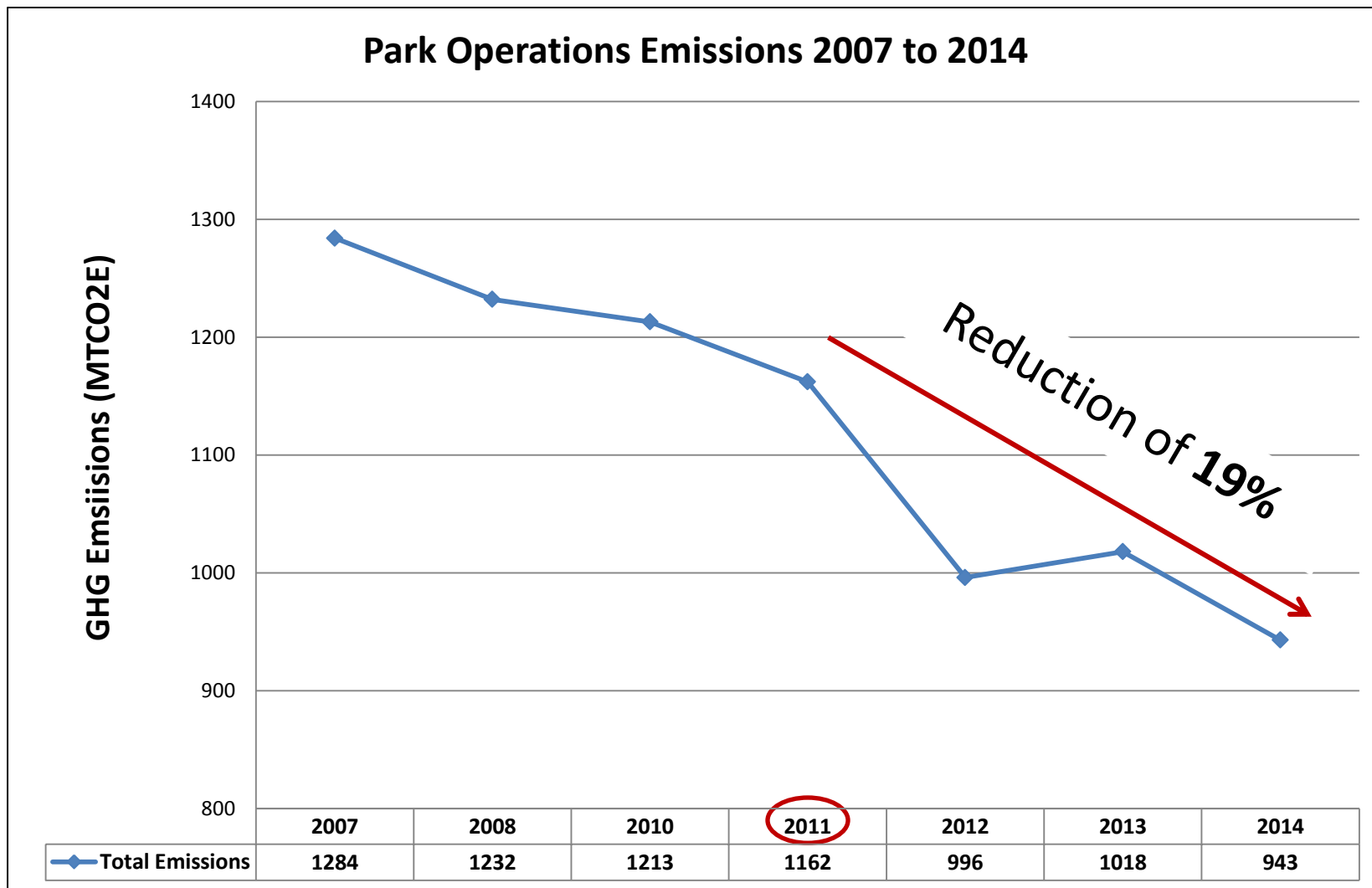


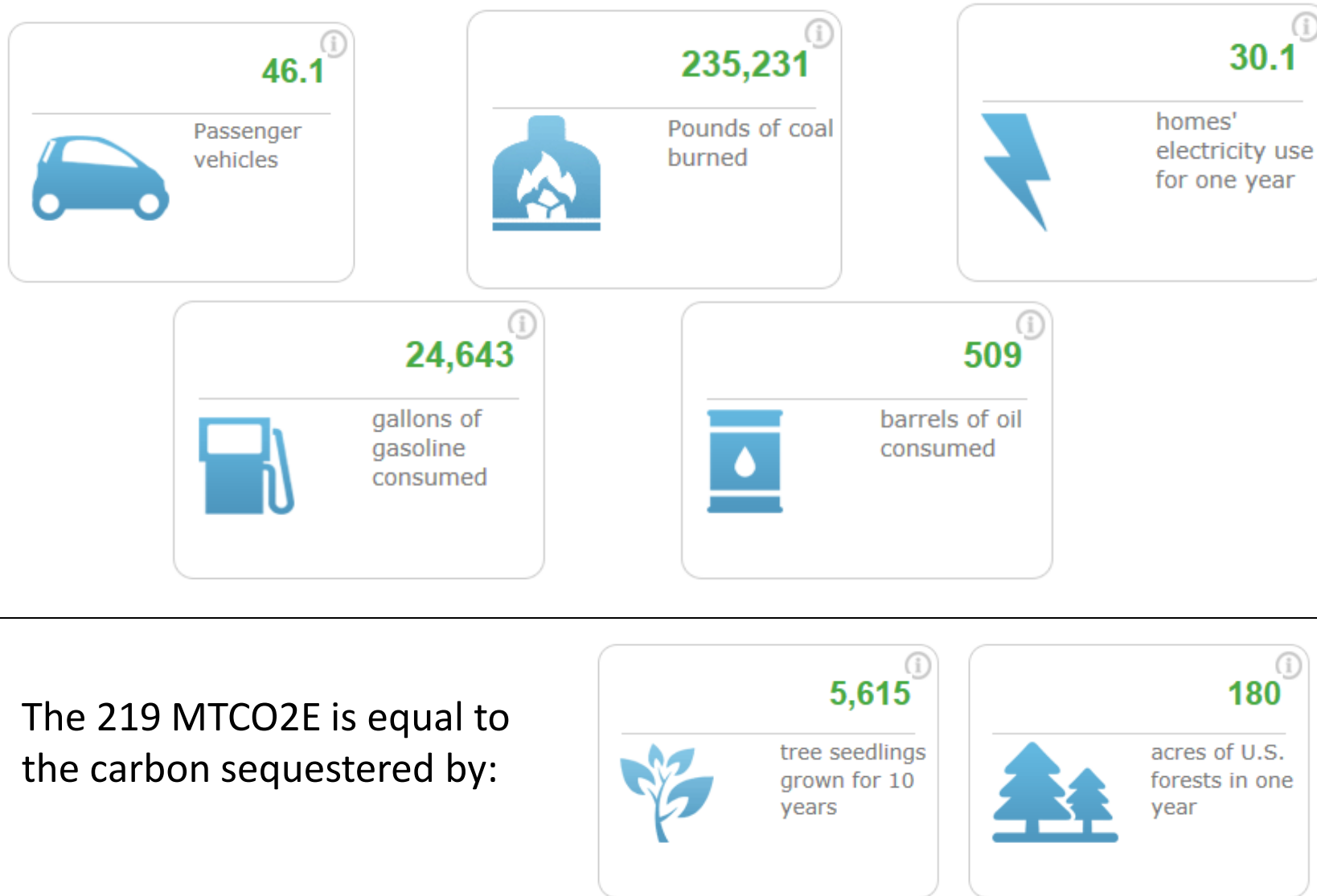


# Climate Friendly Parks GHG Emissions Reporting



# What do these emission totals mean?

Reducing 219 MTCO<sub>2</sub>E over the past 3 years is equivalent to:



The 219 MTCO<sub>2</sub>E is equal to the carbon sequestered by:



# *Energy Accomplishments*

- Worked with Cape Light Compact to switch to Compact Fluorescent Light bulbs (CFLs) in public park buildings.
- Installed energy managers on boilers in all public buildings with oil-fired boilers for heating, and installed boiler reset controls that adjust to outside temperature at major facilities.
- Inventoried all appliances and replaced ones 10 years or older with ENERGY STAR or better.
- Installed high R-value insulation at SPVC and recycled denim insulation at the Race Point Ranger Station.
- Installed solar photovoltaic and domestic hot water panels on the new Herring Cove Beach bathhouse facility.





# Transportation Measures

- Purchased biodiesel Flex and Breeze shuttle buses operated by the CC Regional Transit Authority.
- Purchased 16 passenger shuttle with bike trailer that can hold 12 bikes.
- Purchased trucks capable of holding all tools and materials for maintenance tasks to reduce number of trips.
- Promote car-free travel options via the [SMARTGuide website](#).
- Switched from diesel to B-20 biodiesel for park vehicles, and purchase more hybrid vehicles.
- Purchase and use bio-based lubricants and greases in the auto shop.





# Waste Reduction

- Installed recycle signs and bins to encourage a greater degree of beach recycling.
- Donate or recycle used computers and electronics.
- Use almost all green and non-toxic janitorial products.
- Continue to increase the recycled content of purchased materials.
- Discontinued landscape watering and fertilizing at the park.
- Engage staff to reduce, recycle and manage waste at work.
- Implemented a construction waste management plan and job site recycling.
- Installed water bottle filling station at Herring Cove Beach bathhouse, and at Salt Pond and Province Lands Visitor Centers.







# Education Initiatives

- Disseminate climate change and climate friendly information to interpretive staff for incorporation into programs.
- Participated in Interagency Transportation, Land Use, and Climate Change pilot project scenario planning workshop, as well as advance planning and refining workshop results.
- Incorporate climate change and climate friendly actions into each all-employee staff training.
- Initiated Green Lunchbox film series for employees.
- Created beach recycling signs and outreach materials to convey park sustainability message to visitors.



# Initiative Highlights & Priorities

## Transport

Greening our fleet:

- 34% emissions from mobile combustion = target area
- Submitted grant proposal for:
  - 3 electric vehicles
  - Electric vehicle charging stations: 4 at SPVC, 2 at HQ

## Energy

Upgrades from Cape Light Compact (started 2012-completed Feb 2014):

- \$27,086 of free installations done
- Estimated energy savings of 53,030 KWH, (equivalent 37.4 MT CO2)

Priority: renewable energy

- Solar proposals at Nauset Light Bathhouse, NAC Lab, and ARC Classroom

## Waste

Water bottle filling stations

5/1/14 – 10/31/14

SPVC:



PLVC:

